Table J1b. - Physical Properties of the Soils

Clay County, West Virginia

Entries under "Erosion Factors--T" apply to the entire profile. Entries under "Wind Erodibility Group" and "Wind Erodibility Index" apply only to the surface layer. Absence of an entry indicates that data were not estimated.

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion		Wind Erodibility	Wind Erodibility
and Soil Name	In	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
2:														
Pope	0-10 10-36			5-15 5-18	1.20-1.40 1.30-1.60	2-6 0.6-6	0.10-0.16 0.10-0.18	0.0-2.9 0.0-2.9	1.0-4.0	.28 .28	.28 .28	5	3	86
	36-65			5-20	1.30-1.60	0.6-6	0.10-0.18	0.0-2.9		.28	.20			
3:														
Pope	0-10 10-36			5-15 5-18	1.20-1.40 1.30-1.60	2-6 0.6-6	0.10-0.16 0.10-0.18	0.0-2.9 0.0-2.9	1.0-4.0	.28 .28	.28 .28	5	3	86
	36-65			5-20	1.30-1.60	0.6-6	0.10-0.18	0.0-2.9		.28	.20			
Craigsville	0-8			5-15	1.20-1.40	2-20	0.07-0.15	0.0-2.9	1.0-5.0	.17	.28	3	3	86
	8-37 37-65			5-15 5-10	1.30-1.60 1.35-1.55	2-20 6-20	0.06-0.15 0.04-0.09	0.0-2.9 0.0-2.9	0.5-1.0 0.5-1.0	.17 .17	.28 .28			
5:														
Pope	0-10			5-15	1.20-1.40	2-6	0.10-0.16	0.0-2.9	1.0-4.0	.28	.28	5	3	86
	10-36 36-65			5-18 5-20	1.30-1.60 1.30-1.60	0.6-6 0.6-6	0.10-0.18 0.10-0.18	0.0-2.9 0.0-2.9		.28 .28	.28 .20			
09:														
Chavies	0-9			7-18	1.20-1.40	2-6	0.11-0.18	0.0-2.9	0.5-4.0	.24	.24	5	3	86
	9-57 57-65			7-18 7-18	1.20-1.40 1.30-1.50	2-6 2-6	0.11-0.20 0.08-0.18	0.0-2.9 0.0-2.9		.24 .24	.24 .24			
9:														
Chavies	0-9			7-18	1.20-1.40	2-6	0.11-0.18	0.0-2.9	0.5-4.0	.24	.24	5	3	86
	9-57 57-65			7-18 7-18	1.20-1.40 1.30-1.50	2-6 2-6	0.11-0.20 0.08-0.18	0.0-2.9 0.0-2.9		.24 .24	.24 .24			

10B:

Clay County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	In	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
10B:														
Allegheny	0-9			15-27	1.20-1.40	0.6-2	0.12-0.22	0.0-2.9	1.0-4.0	.32		4		
	9-49 49-65			18-35 10-35	1.20-1.50 1.20-1.40	0.6-2 0.6-2	0.13-0.18 0.08-0.17	0.0-2.9 0.0-2.9		.28 .28				
10C:														
Allegheny	0-9			15-27	1.20-1.40	0.6-2	0.12-0.22	0.0-2.9	1.0-4.0	.32		4		
	9-49 49-65			18-35 10-35	1.20-1.50 1.20-1.40	0.6-2 0.6-2	0.13-0.18 0.08-0.17	0.0-2.9 0.0-2.9		.28 .28				
	49-03			10-55	1.20-1.40	0.0-2	0.00-0.17	0.0-2.9		.20				
16D:														
Vandalia	0-8			20-35	1.20-1.50	0.2-2	0.12-0.18	3.0-5.9	1.0-3.0	.37	.37	5	6	48
	8-44			35-50	1.30-1.60	0.06-0.6	0.12-0.15	6.0-8.9		.32	.32			
	44-65			27-50	1.30-1.60	0.06-0.6	0.08-0.12	6.0-8.9		.32	.32			
16E:														
Vandalia	0-8			20-35	1.20-1.50	0.2-2	0.12-0.18	3.0-5.9	1.0-3.0	.37	.37	5	6	48
	8-44			35-50	1.30-1.60	0.06-0.6	0.12-0.15	6.0-8.9		.32	.32			
	44-65			27-50	1.30-1.60	0.06-0.6	0.08-0.12	6.0-8.9		.32	.32			
20C:														
Gilpin	0-10			15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	.32	3	8	0
	10-29			18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9		.24	.28			
	29-37 37-47			15-35	1.20-1.50	0.6-2 0.2-2	0.08-0.12	0.0-2.9		.24	.32			
	37-47					0.2-2								
Upshur	0-11			15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	.43	4	6	48
•	11-42			40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9		.32	.32			
	42-65			27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9		.32	.32			
	65-75					0.0000-0.2								
Other Soils														

20D:

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	In	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
20D:														
Gilpin	0-10 10-29 29-37	 	 	15-27 18-35 15-35	1.20-1.40 1.20-1.50 1.20-1.50	0.6-2 0.6-2 0.6-2	0.12-0.18 0.12-0.16 0.08-0.12	0.0-2.9 0.0-2.9 0.0-2.9	0.5-4.0 	.32 .24 .24	.32 .28 .32	3	8	0
	37-47					0.2-2								
Upshur	0-11 11-42 42-65 65-75	 	 	15-27 40-55 27-45 	1.20-1.40 1.30-1.60 1.30-1.60	0.6-2 0.06-0.2 0.06-0.2 0.0000-0.2	0.12-0.16 0.10-0.14 0.08-0.12	3.0-5.9 6.0-8.9 3.0-5.9	1.0-4.0 	.43 .32 .32	.43 .32 .32 	4	6	48
Other Soils														
20E:														
Gilpin	0-10 10-29 29-37 37-47	 	 	15-27 18-35 15-35 	1.20-1.40 1.20-1.50 1.20-1.50 	0.6-2 0.6-2 0.6-2 0.2-2	0.12-0.18 0.12-0.16 0.08-0.12	0.0-2.9 0.0-2.9 0.0-2.9 	0.5-4.0 	.32 .24 .24	.32 .28 .32 	3	8	0
Upshur	0-11 11-42 42-65 65-75	 	 	15-27 40-55 27-45 	1.20-1.40 1.30-1.60 1.30-1.60	0.6-2 0.06-0.2 0.06-0.2 0.0000-0.2	0.12-0.16 0.10-0.14 0.08-0.12	3.0-5.9 6.0-8.9 3.0-5.9	1.0-4.0 	.43 .32 .32	.43 .32 .32 	4	6	48
Other Soils														
20F:														
Gilpin	0-10 10-29 29-37 37-47	 	 	15-27 18-35 15-35 	1.20-1.40 1.20-1.50 1.20-1.50	0.6-2 0.6-2 0.6-2 0.2-2	0.08-0.14 0.12-0.16 0.08-0.12	0.0-2.9 0.0-2.9 0.0-2.9 	 	.24 .24 .24	.32 .28 .32	3	8	0

Clay County, West Virginia

Map Symbol and Soil Name	Depth In	Sand Pct	Silt Pct	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water Capacity	Linear Extensibility	Organic Matter		rosion		Wind Erodibility	Wind Erodibility
and Son Name	""	FGI	FUL	ρει	g/cc	In/Hr	In/In	Pct	Pct	Kw	Kf	Т	Group	Index
20F:														
Upshur	0-11			15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9		.37	.43	4		
	11-42 42-65			40-55 27-45	1.30-1.60 1.30-1.60	0.06-0.2 0.06-0.2	0.10-0.14 0.08-0.12	6.0-8.9 3.0-5.9		.32 .32	.32 .32			
	65-75					0.000-0.2		3.0-3.9						
Other Soils														
21C:														
Gilpin	0-10			15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	.32	3	8	0
	10-29			18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9		.24	.28			
	29-37 37-40			15-35 	1.20-1.50 	0.6-2 0.2-2	0.08-0.12	0.0-2.9 		.24	.32			
Lily	0-4			7-27	1.20-1.40	0.6-6	0.13-0.18	0.0-2.9	0.5-4.0	.28	.37	2	5	56
,	4-28			18-35	1.25-1.35	2-6	0.12-0.18	0.0-2.9	0.1-0.5	.28	.28			
	28-32			16-35	1.25-1.35	2-6	0.08-0.17	0.0-2.9	0.1-0.5	.17	.24			
	32-42					0.0000-0.2								
21D:														
Gilpin	0-10			15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	.32	3	8	0
	10-29 29-37			18-35 15-35	1.20-1.50 1.20-1.50	0.6-2 0.6-2	0.12-0.16 0.08-0.12	0.0-2.9 0.0-2.9		.24 .24	.28 .32			
	29-37 37-47			15-35	1.20-1.50	0.6-2	0.06-0.12	0.0-2.9		.24	.32			
	O1 - 1 1		_			U.2-2								
Lily	0-4			7-27	1.20-1.40	0.6-6	0.13-0.18	0.0-2.9	0.5-4.0	.28	.37	2	5	56
-	4-28			18-35	1.25-1.35	2-6	0.12-0.18	0.0-2.9	0.1-0.5	.28	.28			
	28-32			16-35	1.25-1.35	2-6	0.08-0.17	0.0-2.9	0.1-0.5	.17	.24			
	32-42					0.0000-0.2								

21E:

Clay County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	ln	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
21E:														
Gilpin	0-10			15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	.32	3	8	0
	10-29			18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9		.24	.28			
	29-37			15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9		.24	.32			
	37-47					0.2-2								
Lily	0-4			7-27	1.20-1.40	0.6-6	0.13-0.18	0.0-2.9	0.5-4.0	.28	.37	2	5	56
•	4-28			18-35	1.25-1.35	2-6	0.12-0.18	0.0-2.9	0.1-0.5	.28	.28			
	28-32			16-35	1.25-1.35	2-6	0.08-0.17	0.0-2.9	0.1-0.5	.17	.24			
	32-42					0.0000-0.2								
21F:														
Gilpin	0-10			15-27	1.20-1.40	0.6-2	0.08-0.14	0.0-2.9		.24	.32	3	8	0
•	10-29			18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9		.24	.28			
	29-37			15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9		.24	.32			
	37-47					0.2-2								
22F:														
Pineville	0-10			15-25	1.00-1.30	0.6-2	0.12-0.18	0.0-2.9	0.5-5.0	.20	.24	5	8	0
	10-54			18-30	1.30-1.60	0.6-2	0.08-0.14	0.0-2.9		.15	.17			
	54-65			15-30	1.30-1.60	0.6-6	0.06-0.14	0.0-2.9		.15	.20			
Gilpin	0-10			15-27	1.20-1.40	0.6-2	0.08-0.14	0.0-2.9		.24	.32	3	8	0
•	10-29			18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9		.24	.28			
	29-37			15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9		.24	.32			
	37-47					0.2-2								
Laidig	0-11			7-27	1.20-1.40	0.6-6	0.08-0.12	0.0-2.9	2.0-4.0	.24	.32	4		
J	11-42			18-35	1.30-1.50	0.6-6	0.08-0.12	0.0-2.9	0.0-0.5	.24	.28			
	42-65			18-35	1.40-1.70	0.06-0.6	0.06-0.10	0.0-2.9	0.0-0.5	.17	.20			

25F:

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	In	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
25F: Gilpin	0-10 10-29 29-37 37-47	 	 	15-27 18-35 15-35	1.20-1.40 1.20-1.50 1.20-1.50	0.6-2 0.6-2 0.6-2 0.2-2	0.08-0.14 0.12-0.16 0.08-0.12	0.0-2.9 0.0-2.9 0.0-2.9	 	.24 .24 .24	.32 .28 .32	3	8	0
29: Udorthents	0-3 3-65						 	 	 					
33E: Laidig	0-11 11-42 42-65	 	 	7-27 18-35 18-35	1.20-1.40 1.30-1.50 1.40-1.70	0.6-6 0.6-6 0.06-0.6	0.08-0.12 0.08-0.12 0.06-0.10	0.0-2.9 0.0-2.9 0.0-2.9	2.0-4.0 0.0-0.5 0.0-0.5	.24 .24 .17	.32 .28 .20	4		
41F: Cedarcreek	0-10 10-65		 	18-27 18-27	1.35-1.65 1.35-1.65	0.6-6 0.6-6	0.07-0.16 0.07-0.16	0.0-2.9 0.0-2.9	0.0-0.5	.32 .32	.43	5	8	0
Other Soils														
42F: Itmann	0-12 12-65			27-40 4-15	1.30-1.55 1.00-1.30	0.6-6 2-20	0.08-0.16 0.05-0.12	3.0-5.9 0.0-2.9	0.0-0.5 0.0-0.5	.37 .32	.37 .43	5	8	0
43F: Fairpoint	0-4 4-65			18-27 18-35	1.40-1.55 1.60-1.80	0.6-2 0.2-0.6	0.09-0.16 0.03-0.10	0.0-2.9 3.0-5.9	0.0-0.5 0.0-0.3	.28 .28	.49 .64	5	8	0
44F: Fairpoint	0-4 4-65			18-27 18-35	1.40-1.55 1.60-1.80	0.6-2 0.2-0.6	0.09-0.16 0.03-0.10	0.0-2.9 3.0-5.9	0.0-0.5 0.0-0.3	.28 .28	.49 .64	5	8	0

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk	Permeability	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind	Wind
and Soil Name	În	Pct	Pct	pct	Density g/cc	(Ksat) In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Erodibility Group	Erodibility Index
46F:														
Cedarcreek	0-10 10-65			18-27 18-27	1.35-1.65 1.35-1.65	0.6-6 0.6-6	0.07-0.16 0.07-0.16	0.0-2.9 0.0-2.9	0.0-0.5	.32 .32	.43 .43	5	8	0
Other Soils														
80:														
Udorthents	0-3 3-65													
115:														
Sensabaugh	0-9 9-20			8-25 18-35	1.25-1.40 1.30-1.50	0.6-6 0.6-6	0.12-0.18 0.10-0.16	0.0-2.9 0.0-2.9	1.0-3.0	.24 .20	.24 .24	5		
	20-33 33-65			12-35 12-38	1.30-1.50 1.25-1.50	0.6-6 0.6-6	0.10-0.15 0.08-0.14	0.0-2.9 0.0-2.9		.17 .17	.24 .20			
120F:														
Gilpin	0-10 10-29			15-27 18-35	1.20-1.40 1.20-1.50	0.6-2 0.6-2	0.08-0.14 0.12-0.16	0.0-2.9 0.0-2.9		.24 .24	.32 .28	3	8	0
	29-37			15-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9		.24	.20 .32			
	37-47					0.2-2								
Upshur	0-11			15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9		.37	.43	4		
	11-42 42-65			40-55 27-45	1.30-1.60 1.30-1.60	0.06-0.2 0.06-0.2	0.10-0.14 0.08-0.12	6.0-8.9 3.0-5.9		.32 .32	.32 .32			
	65-75					0.0000-0.2								
Other Soils														
122F:														
Pineville	0-10 10-54			15-25 18-30	1.00-1.30 1.30-1.60	0.6-2 0.6-2	0.12-0.18 0.08-0.14	0.0-2.9 0.0-2.9	0.5-5.0	.20 .15	.24 .17	5	8	0
	54-65			15-30	1.30-1.60	0.6-2	0.06-0.14	0.0-2.9		.15	.20			

Clay County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	In	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
122F:														
Gilpin	0-10			15-27	1.20-1.40	0.6-2	0.08-0.14	0.0-2.9		.24	.32	3	8	0
	10-29			18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9		.24	.28			
	29-37			15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9		.24	.32			
	37-47					0.2-2								
Laidig	0-11			7-27	1.20-1.40	0.6-6	0.08-0.12	0.0-2.9	2.0-4.0	.24	.32	4		
-	11-42			18-35	1.30-1.50	0.6-6	0.08-0.12	0.0-2.9	0.0-0.5	.24	.28			
	42-65			18-35	1.40-1.70	0.06-0.6	0.06-0.10	0.0-2.9	0.0-0.5	.17	.20			
AgB:														
Allegheny	0-9			15-27	1.20-1.40	0.6-2	0.12-0.22	0.0-2.9	1.0-4.0	.32		4		
ğ ,	9-49			18-35	1.20-1.50	0.6-2	0.13-0.18	0.0-2.9		.28				
	49-65			10-35	1.20-1.40	0.6-2	0.08-0.17	0.0-2.9		.28				
CeF:														
Cedarcreek	0-10			18-27	1.35-1.65	0.6-6	0.07-0.16	0.0-2.9	0.0-0.5	.32	.43	5	8	0
	10-65			18-27	1.35-1.65	0.6-6	0.07-0.16	0.0-2.9		.32	.43			
Other Soils														
Ch:														
Chavies	0-9			7-18	1.20-1.40	2-6	0.11-0.18	0.0-2.9	0.5-4.0	.24	.24	5	3	86
	9-57			7-18	1.20-1.40	2-6	0.11-0.20	0.0-2.9		.24	.24			
	57-65			7-18	1.30-1.50	2-6	0.08-0.18	0.0-2.9		.24	.24			
FpF:														
Fairpoint	0-4			18-27	1.40-1.55	0.6-2	0.09-0.16	0.0-2.9	0.0-0.5	.28	.49	5	8	0
-	4-65			18-35	1.60-1.80	0.2-0.6	0.03-0.10	3.0-5.9	0.0-0.3	.28	.64			

GaF:

Clay County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	ln	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
GaF:														
Gilpin	0-10			15-27	1.20-1.40	0.6-2	0.08-0.14	0.0-2.9		.24	.32	3	8	0
	10-29			18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9		.24	.28			
	29-37			15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9		.24	.32			
	37-47					0.2-2								
GuC:														
Gilpin	0-10			15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	.32	3	8	0
•	10-29			18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9		.24	.28			
	29-37			15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9		.24	.32			
	37-47					0.2-2								
Upshur	0-11			15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	.43	4	6	48
- P	11-42			40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9		.32	.32			
	42-65			27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9		.32	.32			
	65-75					0.0000-0.2								
Other Soils														
GuD:														
Gilpin	0-10			15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	.32	3	8	0
Gp	10-29			18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9		.24	.28	·	· ·	ū
	29-37			15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9		.24	.32			
	37-47					0.2-2								
Upshur	0-11			15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	.43	4	6	48
- I	11-42			40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9		.32	.32		-	
	42-65			27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9		.32	.32			
	65-75					0.0000-0.2								
Other Soils														

GuE:

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	În	Pct	Pct	pct	g/cc	(Ksat) In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
GuE:														
Gilpin	0-10 10-29 29-37 37-47	 	 	15-27 18-35 15-35	1.20-1.40 1.20-1.50 1.20-1.50 	0.6-2 0.6-2 0.6-2 0.2-2	0.12-0.18 0.12-0.16 0.08-0.12	0.0-2.9 0.0-2.9 0.0-2.9 	0.5-4.0 	.32 .24 .24	.32 .28 .32	3	8	0
Upshur	0-11 11-42 42-65 65-75	 	 	15-27 40-55 27-45	1.20-1.40 1.30-1.60 1.30-1.60	0.6-2 0.06-0.2 0.06-0.2 0.0000-0.2	0.12-0.16 0.10-0.14 0.08-0.12	3.0-5.9 6.0-8.9 3.0-5.9	1.0-4.0 	.43 .32 .32 	.43 .32 .32 	4	6	48
Other Soils														
GxF:														
Gilpin	0-10 10-29 29-37 37-47	 	 	15-27 18-35 15-35 	1.20-1.40 1.20-1.50 1.20-1.50 	0.6-2 0.6-2 0.6-2 0.2-2	0.08-0.14 0.12-0.16 0.08-0.12	0.0-2.9 0.0-2.9 0.0-2.9 	 	.24 .24 .24	.32 .28 .32 	3	8	0
Upshur	0-11 11-42 42-65 65-75	 	 	15-27 40-55 27-45	1.20-1.40 1.30-1.60 1.30-1.60	0.6-2 0.06-0.2 0.06-0.2 0.0000-0.2	0.12-0.16 0.10-0.14 0.08-0.12	3.0-5.9 6.0-8.9 3.0-5.9	 	.37 .32 .32	.43 .32 .32 	4		
Other Soils														
GyC: Gilpin	0-10 10-29 29-37 37-40	 	 	15-27 18-35 15-35 	1.20-1.40 1.20-1.50 1.20-1.50	0.6-2 0.6-2 0.6-2 0.2-2	0.12-0.18 0.12-0.16 0.08-0.12	0.0-2.9 0.0-2.9 0.0-2.9	0.5-4.0 	.32 .24 .24	.32 .28 .32	3	8	0

Clay County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion		Wind Erodibility	Wind Erodibility
and Soil Name	In	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
GyC:														
Lily	0-4			7-27	1.20-1.40	0.6-6	0.13-0.18	0.0-2.9	0.5-4.0	.28	.37	2	5	56
	4-28			18-35	1.25-1.35	2-6	0.12-0.18	0.0-2.9	0.1-0.5	.28	.28			
	28-32			16-35	1.25-1.35	2-6	0.08-0.17	0.0-2.9	0.1-0.5	.17	.24			
	32-42					0.0000-0.2								
GyD:														
Gilpin	0-10			15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	.32	3	8	0
	10-29			18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9		.24	.28			
	29-37			15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9		.24	.32			
	37-47					0.2-2								
Lily	0-4			7-27	1.20-1.40	0.6-6	0.13-0.18	0.0-2.9	0.5-4.0	.28	.37	2	5	56
•	4-28			18-35	1.25-1.35	2-6	0.12-0.18	0.0-2.9	0.1-0.5	.28	.28			
	28-32			16-35	1.25-1.35	2-6	0.08-0.17	0.0-2.9	0.1-0.5	.17	.24			
	32-42					0.0000-0.2								
GyE:														
Gilpin	0-10			15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	.32	3	8	0
•	10-29			18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9		.24	.28			
	29-37			15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9		.24	.32			
	37-47					0.2-2								
Lily	0-4			7-27	1.20-1.40	0.6-6	0.13-0.18	0.0-2.9	0.5-4.0	.28	.37	2	5	56
,	4-28			18-35	1.25-1.35	2-6	0.12-0.18	0.0-2.9	0.1-0.5	.28	.28			
	28-32			16-35	1.25-1.35	2-6	0.08-0.17	0.0-2.9	0.1-0.5	.17	.24			
	32-42					0.0000-0.2								
ltF:														
Itmann	0-12			27-40	1.30-1.55	0.6-6	0.08-0.16	3.0-5.9	0.0-0.5	.37	.37	5	8	0
	12-65			4-15	1.00-1.30	2-20	0.05-0.12	0.0-2.9	0.0-0.5	.32	.43			

LaE:

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		Erosior Eactors		Wind Erodibility	Wind Erodibility
and Soil Name	În	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
LaE:														
Laidig	0-11			7-27	1.20-1.40	0.6-6	0.08-0.12	0.0-2.9	2.0-4.0	.24	.32	4		
•	11-42			18-35	1.30-1.50	0.6-6	0.08-0.12	0.0-2.9	0.0-0.5	.24	.28			
	42-65			18-35	1.40-1.70	0.06-0.6	0.06-0.10	0.0-2.9	0.0-0.5	.17	.20			
MD:														
Itmann	0-12			27-40	1.30-1.55	0.6-6	0.08-0.16	3.0-5.9	0.0-0.5	.37	.37	5	8	0
	12-65			4-15	1.00-1.30	2-20	0.05-0.12	0.0-2.9	0.0-0.5	.32	.43			
PGF:														
Pineville	0-10			15-25	1.00-1.30	0.6-2	0.12-0.18	0.0-2.9	0.5-5.0	.20	.24	5	8	0
	10-54			18-30	1.30-1.60	0.6-2	0.08-0.14	0.0-2.9		.15	.17			
	54-65			15-30	1.30-1.60	0.6-6	0.06-0.14	0.0-2.9		.15	.20			
Gilpin	0-10			15-27	1.20-1.40	0.6-2	0.08-0.14	0.0-2.9		.24	.32	3	8	0
	10-29			18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9		.24	.28			
	29-37			15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9		.24	.32			
	37-47					0.2-2								
Laidig	0-11			7-27	1.20-1.40	0.6-6	0.08-0.12	0.0-2.9	2.0-4.0	.24	.32	4		
	11-42			18-35	1.30-1.50	0.6-6	0.08-0.12	0.0-2.9	0.0-0.5	.24	.28			
	42-65			18-35	1.40-1.70	0.06-0.6	0.06-0.10	0.0-2.9	0.0-0.5	.17	.20			
Po:														
Pope	0-10			5-15	1.20-1.40	2-6	0.10-0.16	0.0-2.9	1.0-4.0	.28	.28	5	3	86
	10-36			5-18	1.30-1.60	0.6-6	0.10-0.18	0.0-2.9		.28 .28	.28			
	36-65			5-20	1.30-1.60	0.6-6	0.10-0.18	0.0-2.9		.28	.20			
Px:														
Pope	0-10			5-15	1.20-1.40	2-6	0.10-0.16	0.0-2.9	1.0-4.0	.28	.28	5	3	86
	10-36			5-18	1.30-1.60	0.6-6	0.10-0.18	0.0-2.9		.28	.28			
	36-65			5-20	1.30-1.60	0.6-6	0.10-0.18	0.0-2.9		.28	.20			

Map Symbol and Soil Name	Depth	Sand Pct	Silt Pct	Clay pct	Moist Bulk Density g/cc	Permeability (Ksat) In/Hr	Available Water Capacity In/In	Linear Extensibility Pct	Organic Matter Pct	Erosion Factors			Wind Erodibility	Wind Erodibility
	İn									Kw	Kf	Т	Group	Index
Px:														
Craigsville	0-8 8-37			5-15 5-15	1.20-1.40 1.30-1.60	2-20 2-20	0.07-0.15 0.06-0.15	0.0-2.9 0.0-2.9	1.0-5.0 0.5-1.0	.17 .17	.28 .28	3	3	86
	37-65			5-10	1.35-1.55	6-20	0.04-0.09	0.0-2.9	0.5-1.0	.17	.28			
SM:	0.4			40.07	4 40 4 55	0.00	0.00.0.40	0000	0005	00	40	_	•	•
Fairpoint	0-4 4-65			18-27 18-35	1.40-1.55 1.60-1.80	0.6-2 0.2-0.6	0.09-0.16 0.03-0.10	0.0-2.9 3.0-5.9	0.0-0.5 0.0-0.3	.28 .28	.49 .64	5	8	0
Ss:														
Sensabaugh	0-9 9-20			8-25 18-35	1.25-1.40 1.30-1.50	0.6-6 0.6-6	0.12-0.18 0.10-0.16	0.0-2.9 0.0-2.9	1.0-3.0	.24 .20	.24 .24	5		
	20-33			12-35	1.30-1.50	0.6-6	0.10-0.15	0.0-2.9		.17	.24			
	33-65			12-38	1.25-1.50	0.6-6	0.08-0.14	0.0-2.9		.17	.20			
Ud:														
Udorthents	0-3 3-65													
	0 00													
VaD: Vandalia	0-8			20-35	1.20-1.50	0.2-2	0.12-0.18	3.0-5.9	1.0-3.0	.37	.37	5	6	48
variualia	0-6 8-44			35-50	1.30-1.60	0.2-2	0.12-0.16	6.0-8.9	1.0-3.0	.32	.32	5	O	40
	44-65			27-50	1.30-1.60	0.06-0.6	0.08-0.12	6.0-8.9		.32	.32			
VaE:														
Vandalia	0-8			20-35	1.20-1.50	0.2-2	0.12-0.18	3.0-5.9	1.0-3.0	.37	.37	5	6	48
	8-44 44-65			35-50 27-50	1.30-1.60 1.30-1.60	0.06-0.6 0.06-0.6	0.12-0.15 0.08-0.12	6.0-8.9 6.0-8.9		.32 .32	.32 .32			
W:														
Water														